

1 I claim:

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3 1. A door for an opening in a computer housing, said door comprising:
4 a bracket pivotally connected to said computer housing; and
5 a cover elastically mounted to said bracket.

1 2. A door according to Claim 1, wherein:
2 said cover includes a back surface; and
3 said bracket is elastically coupled to said back surface.

4 3. A door according to Claim 2, further comprising a biasing member disposed to urge
5 said cover against said bracket.

6 4. A door according to Claim 3, wherein said biasing member is an integral part said
7 bracket.

8 5. A door according to Claim 3, wherein said biasing member includes a flat spring.

9 6. A door according to Claim 5, wherein said flat spring includes:
10 a central support extending upwardly from said bracket; and
11 at least one curved wing extending laterally from said central support.

12 7. A door according to Claim 5, wherein said cover further includes a channel disposed
13 to receive said flat spring.

14 8. A door according to Claim 1, wherein:
15 said cover includes an alignment feature; and
16 said bracket includes a complementary alignment feature, said alignment feature and
17 said complementary alignment feature moveably engaging one another.

1 9. A door according to Claim 8, wherein:

2 one of said alignment feature and said complementary alignment feature includes a
3 post; and
4 the other of said alignment feature and said complementary alignment feature
5 includes a post receiving aperture.

1 10. A door according to Claim 9, wherein:

2 one of said alignment feature and said complementary alignment feature includes a
3 plurality of posts; and
4 the other of said alignment feature and said complementary alignment feature
5 includes a plurality of post receiving apertures.

10 11. A door according to Claim 10, wherein said bracket includes at least one hinge
2 member extending downwardly and forwardly toward a point of pivotal connection to said
3 computer housing.

12. A door according to Claim 11, wherein said hinge member is L-shaped.

1 13. A door according to Claim 1, wherein said cover includes a beveled edge.

1 14. A door according to Claim 13, wherein:

2 said cover includes an alignment feature;
3 said bracket includes a complementary alignment feature;
4 and said alignment feature and said complementary alignment feature loosely engage
5 one another to allow said beveled edge to self-align within a beveled seat of said
6 opening in said housing.

1 15. A door according to Claim 1, wherein said bracket pivots about an axis adjacent said
2 opening in said housing.

1 16. A door according to Claim 1, wherein:
2 said cover includes a beveled edge; and
3 said bracket includes at least one hinge member extending downwardly and forwardly
4 to a pivot axis disposed adjacent said opening in said housing.

1 17. A door according to Claim 16, further comprising a biasing member disposed to urge
2 said cover against said bracket.

1 18. A door according to Claim 17, wherein:
2 said cover includes an alignment feature; and
3 said bracket includes a complementary alignment feature, said alignment feature and
4 said complementary alignment feature moveable engaging one another.

1 19. A door according to Claim 18, wherein:
2 said biasing member includes a flat spring; and
3 said cover includes a channel for receiving said flat spring.
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1 20. A door according to Claim 19, wherein:
2 said alignment feature includes a post adjacent an end of said channel; and
3 said complementary alignment feature includes an aperture adjacent an end of said
4 flat spring.

1 21. A door according to Claim 1, wherein:
2 said bracket and said mounted cover form an assembly; and
3 said assembly includes a substantially smooth rear surface for slidably abutting
4 devices moving through said opening in said housing.

1 22. A door according to Claim 21, wherein at least a portion of said smooth rear surface
2 is arcuate.

1 23. A door according to Claim 21, wherein said assembly is substantially free of any
2 member projecting rearward of said smooth rear surface.

1 24. An electronic component case comprising:
2 a housing for generally enclosing said electronic component, said housing defining an
3 access opening therein;
4 a bracket pivotally connected to said housing; and
a cover flexibly attached to said bracket.

25. An electronic component case according to Claim 24, a biasing member coupled
between said bracket and said cover.

26. An electronic component case according to Claim 24, wherein said cover includes a
beveled edge.

1 27. An electronic component case according to Claim 24, wherein:
2 said cover includes an alignment feature; and
3 said bracket includes a complementary alignment feature, said alignment feature and
4 said complementary alignment feature moveably engaging one another.

1 28. An electronic component case according to Claim 24, wherein said bracket includes a
2 hinge portion extending downwardly and forwardly.

1 29. A door for an opening in an electronic component housing, said door comprising:
2 a bracket;
3 a cover; and
4 means for elastically mounting said cover to said bracket.

1 30. A door according to Claim 29, further comprising means for biasing said cover
2 against said bracket.

1 31. A door according to Claim 29, further comprising means for loosely aligning said
2 cover with said bracket.

1 32. A door according to Claim 29, further comprising means for pivotally connecting
2 said bracket to said housing.

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